

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 10/554,173
Source: IFWP
Date Processed by STIC: 1/16/07

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MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/554,173

DATE: 01/16/2007

TIME: 15:22:39

Input Set : A:\Sequence Listing 514862002400.txt
 Output Set: N:\CRF4\01162007\J554173.raw

3 <110> APPLICANT: SWETREE TECHNOLOGIES AB
 4 HERTZBERG, Magnus
 6 <120> TITLE OF INVENTION: Tissue specific promoters
 8 <130> FILE REFERENCE: 514862002400
 10 <140> CURRENT APPLICATION NUMBER: 10/554,173
 C--> 11 <141> CURRENT FILING DATE: 2005-10-21
 13 <150> PRIOR APPLICATION NUMBER: PCT/SE2004/000604
 14 <151> PRIOR FILING DATE: 2004-04-20
 16 <150> PRIOR APPLICATION NUMBER: SE0301233-3
 17 <151> PRIOR FILING DATE: 2003-04-28
 19 <160> NUMBER OF SEQ ID NOS: 5
 21 <170> SOFTWARE: PatentIn version 3.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1093
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Populus tremula x tremuloides
 28 <400> SEQUENCE: 1
 29 atccctccat taaaatccat ctaattgtat ggaaaggatg gatttataaa attacatagg 60
 31 tttrcattga taatatttcc aatatttaaa attaaatggt catcatcatt cgattaattc 120
 33 acaatattta gtcctgtcta atcatagaaa tcttgcctcc gtacatgaaa gttgattaaa 180
 35 aataaataag ttattaatct tattagttaa ttgtatgtat tgattcatga gtttagtaga 240
 37 ttatccatc aaatctaata tggattttt tagttttgg ttcattgatt tttctaattg 300
 39 ttttttatt ttactattt tcagtttgr attgtttaaa aaataaaatt tatagtttat 360
 41 ttttttttc tatagagcta tcactatctc aataaataatc ttttttagagt tggtgttga 420
 43 ttttgtaaac atcaaatttt atcataaaat taaataaaaa taatttataa aaacaacaaa 480
 45 gtttaaacct attgaaatct ataacccaag tcacaaaagtt accaaaactt atttaattt 540
 47 gtatcatctc aataataatt aaaaaattat tgtttaatt tttttttaaa tctatcatat 600
 49 ttaactaat tatttaaatt atcttgaac ttattaaatt aaatrrtca tgctgttag 660
 51 agaaaatatt ctactaataa ataactttt tcataactaag tcatgaaaaa tggatcttt 720
 53 aatgatacaa gaacagaagt caaaaagcag gggggtaaa gaaagggaga gttgcctat 780
 55 atatggct tacacttact ctacaaggaa cctttgcac ctaatgagcg taataatag 840
 57 tatagcayga tagcaatagc acaatagctc agaaatgata tagttctaa ctaatataga 900
 59 agacaacacg agcccaagat gttagccctc caactttagc caccctaacc tgcgttata 960
 61 ctctaaaaag ataaatgttag aaaaaaagtg aaaacctaac tgtacatggc tttagctta 1020
 63 ctctactca aacagccata aaaaatccca aaacgaggcc tctaaaagtg tcctcatcat 1080
 65 tctgttgctt cag 1093
 68 <210> SEQ ID NO: 2
 69 <211> LENGTH: 1245
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Populus tremula x tremuloides
 73 <400> SEQUENCE: 2
 74 gaattcataaa taattggatt ggacttgcctt attttctta gagatttac aattgtgttt 60
 76 tatttttaa catttattaa attaaatgga cttagactat acataccctt tctatgtgt 120

Does Not Comply
 Corrected Diskette Needed

see p. 3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/554,173

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Input Set : A:\Sequence Listing 514862002400.txt
Output Set: N:\CRF4\01162007\J554173.raw

78	atttagtatt	gcgtttcaaa	taggggttga	ataaaatttt	aattttat	tttctgtttaaaa	180		
80	ttat	ttttttt	tatgtttca	aatcg	ttttt	atgtgctgat	240		
82	aaat	atata	tat	tttgat	tat	ttttgaa	300		
84	ta	cagt	c	tc	ta	tttgcata	360		
86	gg	tcgact	tt	gt	tt	tttgcata	420		
88	gg	tcgact	tt	gt	tt	tttgcata	480		
90	ct	aaaatt	tttgc	ttt	ttt	tttgcata	540		
92	acc	ccga	atc	tttgc	ttt	tttgcata	600		
94	tta	agaca	ac	tttgc	ttt	tttgcata	660		
96	ttg	tttgc	ac	tttgc	ttt	tttgcata	720		
98	aat	cat	gtt	tttgc	ttt	tttgcata	780		
100	aa	att	c	tttgc	ttt	tttgcata	840		
102	cc	c	c	tttgc	ttt	tttgcata	900		
104	ta	at	tttgc	tttgc	ttt	tttgcata	960		
106	tt	ccca	ata	tttgc	ttt	tttgcata	1020		
108	a	agc	c	tttgc	ttt	tttgcata	1080		
110	gag	tttgc	ca	tttgc	ttt	tttgcata	1140		
112	tc	tc	tttgc	tttgc	ttt	tttgcata	1200		
114	ca	aa	act	tttgc	ttt	tttgcata	1245		
117	<210>	SEQ	ID	NO:	3				
118	<211>	LENGTH:	1133						
119	<212>	TYPE:	DNA						
120	<213>	ORGANISM:	Populus tremula x tremuloides						
122	<400>	SEQUENCE:	3						
123	atc	agc	gc	cat	aaa	attt	tttcaag	aaaaaaaata	60
125	aaaaa	attt	aaaaa	attt	aaa	ata	tttca	aaaaaaaata	120
127	aga	at	tta	tttca	tttca	at	tttct	tttca	180
129	aa	at	tttca	tttca	tttca	aa	at	tttct	240
131	ta	aa	ata	tttca	tttca	tttca	tttca	tttca	300
133	ga	cc	c	c	tttca	tttca	tttca	tttca	360
135	aa	c	c	c	tttca	tttca	tttca	tttca	420
137	ct	ta	tttca	tttca	tttca	tttca	tttca	tttca	480
139	at	aa	at	tttca	tttca	tttca	tttca	tttca	540
141	aa	at	cc	tttca	tttca	tttca	tttca	tttca	600
143	at	tt	c	tttca	tttca	tttca	tttca	tttca	660
145	cc	cc	tttca	tttca	tttca	tttca	tttca	tttca	720
147	tt	ct	tttca	tttca	tttca	tttca	tttca	tttca	780
149	tt	at	c	tttca	tttca	tttca	tttca	tttca	840
151	at	tt	at	tttca	tttca	tttca	tttca	tttca	900
153	ac	ct	aa	tttca	tttca	tttca	tttca	tttca	960
155	gt	at	cc	tttca	tttca	tttca	tttca	tttca	1020
157	at	at	at	tttca	tttca	tttca	tttca	tttca	1080
159	ct	tt	at	tttca	tttca	tttca	tttca	tttca	1133
162	<210>	SEQ	ID	NO:	4				
163	<211>	LENGTH:	1807						
164	<212>	TYPE:	DNA						
165	<213>	ORGANISM:	Populus tremula x tremuloides						
167	<220>	FEATURE:							
168	<221>	NAME/KEY:	misc_feature						

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Input Set : A:\Sequence Listing 514862002400.txt
Output Set: N:\CRF4\01162007\J554173.raw

169 <222> LOCATION: (616)..(616) *? This is a nucleotide sequence.*
 170 <223> OTHER INFORMATION: unknown amino
 173 <400> SEQUENCE: 4
 174 gatgcggaaag ctggaaatggag aatgcgtctaa atgcggaaaag acagagagag cgaataaaatc 60
 176 gtcggaaaaaa aggagggtggg tgggttaacgg gttgagctag aagaagaaaa gggacaagtg 120
 178 cacttttagga ggggggcaac cagagcgttag atgataatgg ttcatgttga aacaacacac 180
 180 atgagcgtt ggtgagaact tgaatgaacc ctaacagccc acccaaaccc ggagccaccc 240
 182 ttaccggaaacc accacttcta aaagtacacc atgcctttt cttgagcytg gttgcacagg 300
 184 gtcgcgggtg ggggtgttgc gttttgggtt atcatgcgtat agtttaataa cctttgcgtat 360
 186 aatcatatca atggggactt ttaagcacaat gtttaggtgtc cggttcttat ctaaacatgg 420
 188 acatggcmac aagagttaat gctaaaataa tatacgtaca tacctgtgaa tgaatcgtcg 480
 190 ctgtcttctg attatggctt caaattaata tgcagataaa caagtgtcga ttttcgttg 540
 192 aagattttat gaaagtggcc gttctccttta agattacctg tgaatgaatc atccctgtca 600
 W--> 194 ggctgatcct ggggtgtttt tccccatgrt gttcggaga tataattata taaatgatgg 660
 196 aatttacatg aaataagttt cagtcattt ttagcagaaa agcaatatcg acgaagacaa 720
 198 atgatgtgtt ttaagacaaa ctggggtaat atcaatttac tagtaagaga tttkctgtc 780
 200 tttcttaattt ctcaagaaac ttgcactaaa atgcacagcc atgttaaaca attacgttc 840
 202 aactttaaaaa ctaaaactgc aggatgggtt gctatccaag aatgattaat aaacgatttt 900
 204 aacaaagaac tacgtttttt gtaaacttaa ttttgtggg catgtatgtt acaagtattt 960
 206 gtcattgtatc aattcaagag ccattgtctgc atcataattt tgggaggtggg ggaggctttt 1020
 208 gttgcttaggg aaggaaatgcc ttcttagttt atggctttgg acttcggaca aggagcgtat 1080
 210 agaatgggtt taccattttt gaaaaaaaaattt acatttgaac ccttcaacta ttatcatgtt 1140
 212 tggtaatctt acaatccctcg tccgctagaa gaagttggg ttcaaaagtca tccgctcaat 1200
 214 gtaaaccatg gagaggcagg gactaatttga aaatagtatg ttagttggag ggtctgcgt 1260
 216 tattatgtcc aaacatttctc ttattattcc tgcatacatc ctgagaaattt catccgaaaa 1320
 218 taataaaaaca aaatggccctt tttttttttttaaaaaaaa agaagctgtt gcataggata cccaaagcgc 1380
 220 cttgtccattt aggagcgtca gactttggaa ataagaccaaa taattccctttaaagctatca 1440
 222 tctcatctttt tattttgtttt gaaacttgcgtt acgtaggctt taagcgttcc atgatgttca 1500
 224 gtcacatgtt gctgtctact tgattatggaa atttaatttca ttccgctcat aagaagataa 1560
 226 aaggattatg acgttgaaga actctggctca ctccttactt acggtcacat aaaaacgatg 1620
 228 catcttccc caccacccat cttcaagtttga acccaatttcc ctttgcatttta ggttggagt 1680
 230 atgggttaag tcatcttcat gaaatttagtgc cccttagtggaa gctaatttca ctcactccat 1740
 232 atttactcat tccactatata aacgccttca acgaccatcc tcaaagcaac cccaaacaccc 1800
 234 tcttctc 1807
 237 <210> SEQ ID NO: 5
 238 <211> LENGTH: 1494
 239 <212> TYPE: DNA
 240 <213> ORGANISM: Populus tremula x tremuloides
 242 <220> FEATURE:
 243 <221> NAME/KEY: misc_feature
 244 <222> LOCATION: (337)..(337) *same error*
 245 <223> OTHER INFORMATION: unknown amino
 248 <400> SEQUENCE: 5
 249 tctgctttagt aatggcatgg acaacaagct ctgcattttc gcccatttgc accacaaaaat 60
 251 cgttgtgtga agattttga agggcaccatg cacaacttttggaaaagaactt gtgaaaagat 120
 253 agctggtacatc cagatggaaag caagggtactt agtgcagatc gcatggcttataatgtatc 180
 255 tgtcaatgtt gttgtcttcc acctactgttgc cctatcttgc gatcatgcgtt cagcgacaaa 240
 257 cagatttatac ttggggaaat ctgattacta ttttgcgtt ttgtttaaaaaa cggatgttta 300
 W--> 259 gtaacagtga ggatatttgc gggcttgcgtt gtgagcnccc aacagaaaaat attaaacagg 360

RAW SEQUENCE LISTING

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DATE: 01/16/2007

TIME: 15:22:40

Input Set : A:\Sequence Listing 514862002400.txt

Output Set: N:\CRF4\01162007\J554173.raw

261	ttgtatgga tactatgtta cattttactt aactttctca tatcctgctg acatgtttgc	420
263	agttctttt tgcttgttgg cgatccttt caactgaagt atgtacgcat gaatcaatta	480
265	gctcaaaatg tatgttcgag caaatatgcct ggtgaatgtt tgttaagata cgaaaaattta	540
267	agttactgaa cttgtactct ttgattttga aacaagttc cgactatgtt cattgtccta	600
269	gcacgggtat attgatacgt cgaattttca actattttg tcttgtttc aactatttct	660
271	gtcttgattt tcaaagtctt tttgaaaata aaaaacccaa aaatatgttt tcagtgtctt	720
273	gttagctaaa tctgttgtac aaccaagcct ccccgacttg ctttgtgaaa aagaaagatg	780
275	ggagctgggg gttttgtgtt gattatacaa aaccttacga gataactgat atacaagcaa	840
277	aaacaccctc atattattga atctgcgact tctacagttc atttctgagg aagaattagg	900
279	tgactacttt ctggactaga tatttccgtg ttcaatgcgt cgcaacaatt gatttgttgg	960
281	ctggattatg aacatgataa tcacactata gaaagacgac gattatattt caagctatgg	1020
283	acaatgatgt tacctgctcg aagatcaata cgcttgaagg ccaagatatg atcascaggt	1080
285	atgcaggcag tccagatggc ttcttggat atgagcttca agattgttct tgaaaagaac	1140
287	caaataaaattt gtaaaattct ctggaatat tttttgtaa aattatcagc attgctattt	1200
289	ttttttcaa attcattaa atattgtat tgggttagta gttcagcgca attaacttag	1260
291	ctggcagtct ggcatttagct tcaaattcata tcacaacgtt aaaagcagcc gttgcaacta	1320
293	gtcagccac tagcatttgc tggtgaccaa tcagatcata aaaggaaaaac tagccgttgg	1380
295	caaaccctct ttcaacggtc atctccctgc ttcatgatat atatgcttag atatcccagt	1440
297	atccccttca acaaattatc tcaatcttca aaacccagtc cccagttaca gcag	1494

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/16/2007
PATENT APPLICATION: US/10/554,173 TIME: 15:22:41

Input Set : A:\Sequence Listing 514862002400.txt
Output Set: N:\CRF4\01162007\J554173.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 616
Seq#:5; N Pos. 337

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/554,173

DATE: 01/16/2007

TIME: 15:22:41

Input Set : A:\Sequence Listing 514862002400.txt
Output Set: N:\CRF4\01162007\J554173.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600

L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300